The Department of Energy (DOE) Technical Standards Program Innovations
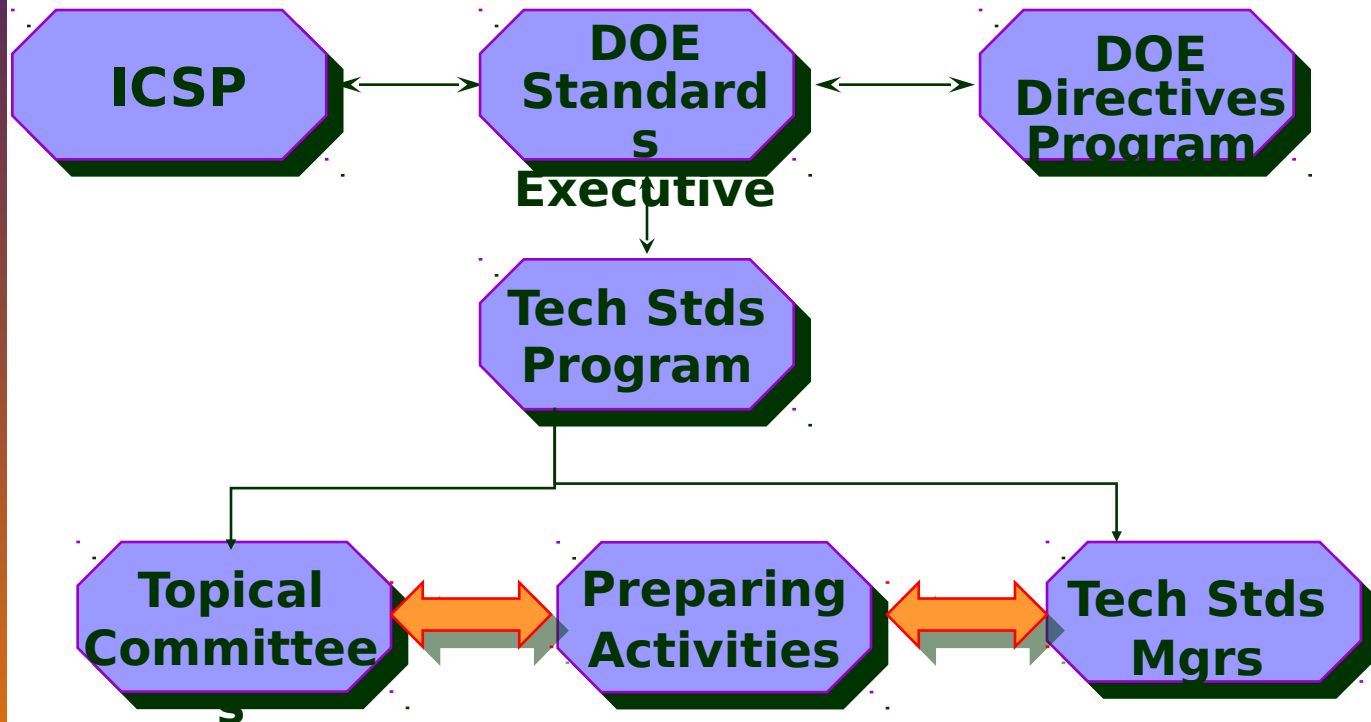
2004
Defense Standardization
Program Conference

Mary F. Haughey,
DOE Technical Standards Program Manager

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Objectives

- **Provide an overview of DOE's Topical Committees ("Domain Boards")**

- **Introduce the RevCom Process**

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DOE Technical Standards Interfaces

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   ┌──────────┐        ┌──────────┐        ┌──────────┐
   │   ICSP   │ ◄────► │   DOE    │ ◄────► │   DOE    │
   │          │        │ Standards│        │Directives│
   └──────────┘        │ Executive│        │ Program  │
                       └────┬─────┘        └──────────┘
                            │
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                       │ Tech Stds│
                       │ Program  │
                       └────┬─────┘
            ┌───────────────┼───────────────┐
            ▼                               ▼
   ┌──────────┐        ┌──────────┐        ┌──────────┐
   │ Topical  │ ◄────► │Preparing │ ◄────► │ Tech Stds│
   │Committees│        │Activities│        │   Mgrs   │
   └──────────┘        └──────────┘        └──────────┘
```

DOE Topical Committee Contributions

- Provide a forum for communication across the DOE complex on specific technical topics

- Work with counterparts in other Federal agencies and topical committees to establish government-wide positions

- Coordinate with national and international Standards Development Organization (SDO) counterparts

- Provide technical peer review

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DOE Technical Standards Program Topical Committee Procedure

Guidance for Topical Committees in:

DOE TSPP-11

Technical Standards Program Topical Committees

http://tis.eh.doe.gov/techstds/tspp11-c2.pdf

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Basis for a Topical Committee

- **Management direction to address a specific need.**
- **Common interest by a group of individuals in a topic with generic applicability to DOE operations.**

- **Can serve on an "as needed" basis.**

Topical Committee Principles

- **Openness**
- **Balance of Interest**
- **Due process**

Qualification requirements

- **Can be established by management or committee**
  - ✦ **Education**
  - **Experience**
  - **Training**
  - **Organizational representation**

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Topical Committee Charter

- **Formed by the topical committee**
- **Approved by the Technical Standards Program Manager**

- **Example charter in DOE procedure**

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DOE Topical Committees (26 total)

- Accreditation Topical Committee
- Air Cleaning and HEPA Filter Topical Committee
- Backup Power Working Group
- Behavioral Safety Committee
- Biota Dose Assessment Committee (BDAC)
- Chemical Safety
- Construction Safety
- DOE Contractors Supplier Quality Information Group (SQIG)
- Emergency Management Issues SIG (EMI SIG)

DOE Topical Committees

- **Environmental Management Systems**
- **Explosive Safety**
- **Fire Protection**
- **Hoisting and Rigging Technical Advisory Committee**
- **Human Factors / Ergonomics**
- **Industrial Hygiene Coordinating Committee**
- **Industrial Hygiene/Occupational Safety SIG (IH/OS SIG)**
- **Meteorological**
- **Metrology**

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DOE Topical Committees

- **Nuclear Safety Training**
- **Occurrence Reporting SIG (OR SIG)**
- **Packaging and Transportation SIG (PATS SIG)**
- **Performance-Based Management SIG (PBM SIG)**
- **Pressure System Safety Committee - Explosive Safety**
- **Procedures Topical Committee**
- **Quality and Safety Management SIG (QSM SIG)**
- **Welding Topical Committee**

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Web Site for Topical Committees

- Provides roster of committees and chairs
- Provides links to committee web pages
- Not all committees are currently active

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Topical Committee Expectations

- **Resolve comments to proposed standards through formal coordination**

- **Submit standards through senior management of the committee chair**

- **Establish and maintain liason with other committees on technical topic**

- **Provide peer review**

- **Rely on industry standards to the extent practicable and appropriate**

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Introducing RevCom

- **RevCom is a web-based review and comment resolution system that was designed to be used by Federal, state, or local government agencies.**

Advantages of RevCom

- Electronic review and comment process

- Automatic notifications

- Sorts comments for technical standard managers

- Locks out late comments

- Seasoned through the DOE Directives System

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RevCom Evaluated for Section 508 http://www.iwa-solutions.com/support/508.html

- **Section 508 of the Rehabilitation Act requires that Federal agencies make their electronic and information technology accessible to people with disabilities.**

- **The law applies to all Federal agencies when they develop, procure, maintain, or use electronic and information technology.**

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RevCom and Cyber Security

- IWA develops and provides cyber security plans to meet government requirements

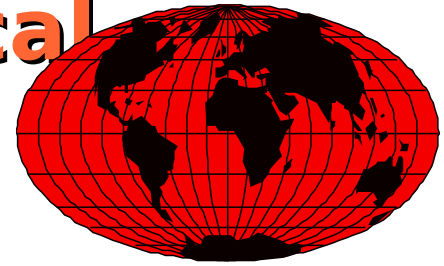- RevCom resides on the IWA server with links on the DOE web pages

RevCom Contacts

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Web Access to DOE Technical Standards Program

- Go to **URL:** *http://tis.eh.doe.gov/techstds* to access

  - ✓ **DOE Technical Standards**

  - ✓ **TSP Procedures**

  - ✓ **DOE Standards Index**

  - ✓ **Directory of DOE/Contractor Personnel in Non-Government Standards Activities**

  - ✓ **Listing of DOE Technical Standards Managers**

  - ✓ *The Standards Forum* **and** *Standards Actions*

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